

safety **POWER** News for May 2013

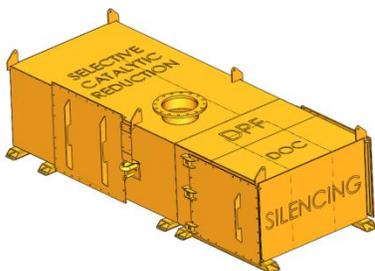
Welcome to this issue of the Safety Power News. Safety Power offers innovative environmental solutions for large scale diesel and natural gas engines. In this issue we focus on a new project recently installed on the rooftop of an office tower that hosts a data center. As always your feedback is most welcome - Bob Stelzer, Safety Power Inc bob.stelzer@safetypower.ca . More info is also available at www.safetypower.ca

ecoCUBE™ Installation at Data Center



This installation consists of 2 ecoCUBE's - both 5 series units. One is for an existing Mitsubishi S12R-PTA engine with a 1.2 MW output. The second unit is for a CAT 3512C engine with a 1.5MW output. The ecoCUBE's were roof mounted requiring a crane hoist of 22 stories. The system is located in a major North American City. The lift was done early on a Sunday morning to minimize any impact to traffic flows in the downtown core. These ecoCUBE's are configured with internal SCR's designed to provide NOx reductions in excess of 90%.

ecoCUBE™ - Emissions and Silencing in one cube



The ecoCUBE™ allows the system designer to eliminate the inter-connecting piping and associated expansion joints that are required between various different silencing and emissions devices in the exhaust stream. The ecoCUBE™ is a family of products that are engineered to have the smallest possible footprint with the lowest possible pressure drop while achieving the target emissions reductions. Any combination of silencing,

oxidation catalyst, particulate filters and SCR can be configured in a single cube. Market response to the ecoCUBE™ has been very positive. Data Centers, Hospitals, CHP (Combined Heat and Power), water pumping and treatment facilities and large building life safety installations are all important markets for the product. A video showing more information is available at: <http://www.youtube.com/watch?v=zmvj-uscjUE> . An article in the April 2013 issue of "Diesel and Gas Turbine Worldwide" magazine (www.diesलगasturbine.com) entitled "Exhaust System Integration Continues" has more in depth information. Please visit us at: www.safetypower.ca